

YOANN POUPART

Trainee Researcher & Tech-savvy

Paris, France

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RESEARCH EXPERIENCE

Visiting Researcher Fraunhofer HHI

Oct. 2023 - Ongoing

Berlin

- ★ Mechanistic interpretability of planning in RL models
- 🔧 Variations of Decision Transformers
- Chessable research projects competition

Machine Learning Engineer Esker

Jan. 2023 - Sep. 2023

Lyon

- ★ In Context Learning and Semantic Search
- 🔧 LLM inference, chaining and fine-tuning at scale
- GitHub repository publicly available for the courses part ()

Trainee Researcher iCSS

Feb. 2022 - Jul. 2022

Lyon & Canterbury

- ★ Acknowledge and quantify the privacy leakages of Google Street View
- 🔧 Face and licence plate detection models

ENTREPRENEURSHIP

CTO (Co-Founder) Blockloads

Jun. 2023 - Ongoing

Paris

- ★ Customer-driven development of tailored solutions
- 🔧 Cloud infrastructure and MLOps integration
- Leading software development (soon hiring interns)

PROJECTS

Supervised Program for Alignment Research SPAR

Sep. 2023 - Ongoing

Lyon

- ★ Failure modes of predictive agents
- 🔧 Bayesian formulation and goal-directedness training
- Applied project with a workshop presentation

AI Safety Bootcamps & Hackathons

Jan. 2023 - Aug. 2023

Paris & Remote

- ★ Bootcamps: AGISF 101 & ARENA -> AGISF 201
- ★ AIS hackathon at Meta on Machine Unlearning
- Machine Unlearning NeurIPS competition

ML for Good EffiSciences

Oct. 2022

Lyon

- ★ Study of the AI Safety main issues
- 🔧 Advanced Deep Learning models
- Applied AI Safety research projects

PHILOSOPHY

"Practice makes perfect"

GOALS

- 🗣️ Speak 7 languages fluently
- 🧗 Climb 8A boulders

PUBLICATION

- * Topology-Driven Ordering of Flocking Matter, *Physical Review X*, 2021.

ROBOTS



HUMANS



EDUCATION

Long Research Project

ENS de Lyon

Ongoing

Lyon

Master in Complex Systems

ENS de Lyon

Aug. 2022

Lyon

REFERENCES

Ekkehard Schnoor

Fraunhofer HHI supervisor (2024)

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Chan Bae

SPAR mentor (2023)

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